



ADVANCED
TECHNOLOGY
VIDEO

IP PRODUCT SERIES

>>> 2MP, DUAL STREAM, TRUE DAY/NIGHT,
ON-BOARD STORAGE, MOTORIZED LENS,
IR, IP VANDAL DOME

IP VANDAL DOME

IPVD2MTRI



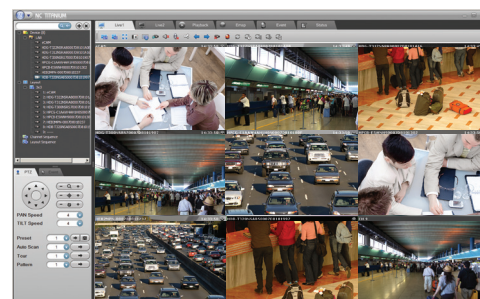
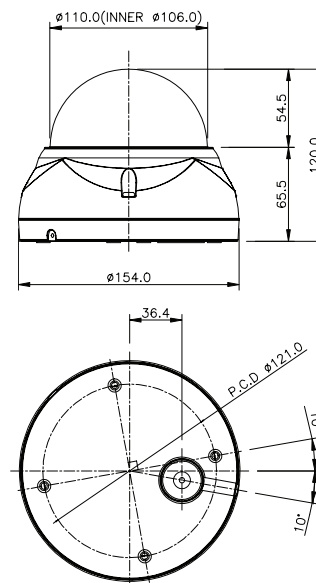
ONVIF

- > Brilliant Video Quality with 2MP Full HD, 1920 x 1080 Resolution
- > Highly Efficient H.264 Video Compression which Drastically Reduces Bandwidth and Storage Requirements
- > Progressive Scanning for Sharper Video Motion Images
- > Motorized 3-9mm Vari-focal Auto-Iris Lens, with Remote Focus
- > Dual Video Streams Simultaneously, up to 30-ips, at 1080p Resolution using H.264 and MJPEG Compression
- > TRUE Day/Night Functionality for Low Light Applications
- > Smart IR Technology that Automatically Adjusts the IR LED Intensity to the Light Level
- > Supports a Micro-SD Memory Card Slot for Local, Event Detection Recording
- > Minimum Scene Illumination 2.5Lux Color; 0.0Lux B/W at F1.2, 50IRE with IR On
- > Backlight Compensation, 2D-DNR (Digital Noise Reduction) and Auto White Balance
- > Two-way Audio, Motion Detection (8 Windows), Privacy Masking (8 Windows) and FTP Image Upload
- > Up to 10 Simultaneous Connections through Remote Monitoring
- > View and Record up to 64 Cameras or View and Manage up to 64 NVR's, with included ATVision IP Remote Management Software
- > ONVIF Compliant for Network Video Interoperability
- > IP66 Weatherproof Rated and Impact Resistant Housing with Test Monitor Cable and Remote Controller Supplied
- > Optional Wall and Pendant Mounts, and Heater Available

SPECIFICATIONS


MODEL		IPVD2MTRI
CAMERA	Image sensor	1/2.8" Progressive scan RGB CMOS
	Active Array	1920(H) x 1080(V)
	Lens	Motorized Varifocal 3.0mm ~ 9.0mm, F1.2 DC IRIS
	Angle of View	3.0mm – 93°(H) / 9.0mm – 31.7°(H)
	Camera Angle Adjustment	Pan: 360°, Tilt: 180°, Rotation: 360°
	Min. illumination	Color: 2.5Lux, B/W: 0.0Lux(1.2, 50IRE with IR On)
	Shutter Speed	1/20,000 ~ 1/30
NETWORK	IR LED	24 lights; 65ft (20M) range
	Video Compression	Motion JPEG, MPEG-4 Part2, H.264 (MPEG-4 Part 10) Profiles: H.264 MP and BP, MPEG-4 ASP and SP
	Video Resolutions	320x 240 ~ 1920x1080
	Frame Rate	30fps @ all resolutions
	Video Streaming	Simultaneously H.264(or MPEG-4) and MJPEG, Controllable Frame Rate and Bandwidth VBR/CBR H.264 and MPEG-4
	Audio Compression	G.711 ADPCM 40kbps-16kbps
	Audio Streaming	2-way
	Protocol	TCP/IP, UDP, IPv4/v6, HTTP, HTTPS, QoS, FTP, SNMP, uPnP, RTP, RTSP, RTCP, DHCP, ARP, Zeroconf, Bonjour
	Security	Multi-user authority, HTTPS, IP Filtering, Privacy Zone
	Remote Access	ATVision IP Remote Management Software, Web Browser
	Max. Connection	10
	Compatible 3rd Party VMS	See link on www.atvideo.com
	Alarm Triggers	Motion Detection, External Input, Manual Trigger
	Alarm Events	File upload via FTP and HTTP, Notification via E-mail, HTTP and TCP, External Output activation, Audio alert activation
	Video Buffering	Pre and Post Alarm
	Motion Detection	Yes, max. 8 programmable windows
	Network Time Synchronization	Yes
	Micro-SD Card Recording	Yes, Event
	Software Reset	Yes
	Factory Reset	Yes, Button/Web browser
Auto Recovery	Yes	
Installation Tool	Yes, SmartManager (included utility software)	
Upgrade	Yes, Web browser/SmartManager (included utility software)	
GENERAL	Alarm Input	Terminal, 1 TTL input
	Alarm Output	Terminal, 1 open collector(max. 24V DC, max. 100mA)
	Audio In / Out	1 / 1 Stereo Jack
	Video Output	1.0Vp-p @ 75ohm (CVBS)
	Micro-SD Card	Micro-SDHC class 6 or above recommended
	Ethernet	RJ-45 10BASE-T/100BASE-TX
	Operating Temperature	32° - 122°F (0° - 50°C); with optional heater -40°F (-40°C)
	Operation Humidity	0~90% (non-condensing)
	Power Consumption	AC24/DC12V max.3.0watt, Power over Ethernet IEEE 802.3af Class2/3
	W/ Optional Heater	External 24VAC Power only, 20W
	Environmental Rating	IP66
	External Dimension (Dia x H)	5.9 x 4.9in (154 x 120mm)
	Unit Weight	2.1lbs (.98kg)
	Conformity Certifications	FCC, CE, UL, MIC

DIMENSIONS



ATVision IP Remote Management Software

ACCESSORIES

DB243W2	Wall Mount	
A-PEXM	Ceiling Mount Bracket	
A-PPDM	Ceiling Pipe Mount Adapter	
VDMWC2	Wall and Ceiling Mount	
PFMS7	Flush Mount	
HT503V	Heater	

Test Monitor Cable and
Remote Controller (Included)

A-PPDM



A-PEXM



PFMS7

Minimum System Requirements for ATVision IP Software

- Operating System: Microsoft Windows 7 (or 8) Professional/Enterprise/Ultimate
- CPU: Intel Core i7; RAM: 4GB; Ethernet Connection: 1Gbps
- Graphics Card: Gaming Rated, with 1GB at 1080p for Single Monitor; 2GB at 1080p for Multiple Monitors
- HDD's: 7200RPM and 64MB cache; 1 separate HDD for Operating System and Software; and 1 (2TB) HDD for Recording (refer to IP storage calculator)